

Date: Fri, 22 Jul 94 04:30:25 PDT  
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>  
Errors-To: Ham-Equip-Errors@UCSD.Edu  
Reply-To: Ham-Equip@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Equip Digest V94 #246  
To: Ham-Equip

Ham-Equip Digest Fri, 22 Jul 94 Volume 94 : Issue 246

## Today's Topics:

[Re] Alinco 180T, F1T ?comments, ?mod  
Diff. bet. Amateur and Prof. receivers?  
Getting rid of 27MHZ clock interference  
Mail Order Radio Outlet  
Mobile/Packet VHF rigs: Ongoing Summary...  
Roses, Getting Started  
Ten-Tec 1208 transverter  
Ten Tec Century 21 - What's it worth?  
What's a TS-820 Worth?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>  
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available (by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: 21 Jul 1994 11:13:10 -0500  
From: ihnp4.ucsd.edu!library.ucla.edu!agate!howland.reston.ans.net!cs.utexas.edu!  
not-for-mail@network.ucsd.edu  
Subject: [Re] Alinco 180T, F1T ?comments, ?mod  
To: ham-equip@ucsd.edu

I know your frustration in looking for Alinco DJ180T mods. I have not been able to find any FTP sites either. What I can tell you is this. A member of our radio club has one and HAS done the mod. I am not sure where he found out about it though. It seems as though the procedure is the same as the one posted for DJ160 Alinco radios. This involves removing battery, then removing four screws that hold on the plate the battery attaches to. Now you will see a loop of colored wire near the button that releases the battery.

(On my DJ180T, the wire is sort of orange colored). You would cut this wire and tape both ends. Reassemble the radio and reset the processor. (Turn on while holding function and lamp keys I think) This allows out of band transmit. I have no idea how far out of band, but I have heard they will at least work up into the 153 range or so. As you already know, the DJ180T will receive 130-174 right out of the box, so maybe it will also transmit in that range? I have no idea if the mod does anything to extend the receive range beyond 130-174.

If anyone out there knows any mods for the Alinco DJ180T, please post them! We 180 owners would love to know! (Also, does anyone know of mods for late model Azden 2m rigs such as the 5000, 6000, or 7000?)

Remember to try these mods at your own risk! I have seen a modified DJ180T that seems to still work fine, but I haven't had the need or the courage to cut anything on mine!

73

James Scudder

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James Scudder "What's a HAM anyway?"  
WB0RPS  
ae85%nemomus.bitnet@academic.nemostate.edu

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Date: 21 Jul 1994 19:38:21 GMT  
From: tymix.Tymnet.COM!sagehen!drawson@uunet.uu.net  
Subject: Diff. bet. Amateur and Prof. receivers?  
To: ham-equip@ucsd.edu

Geoffrey S. Mendelson (gsmlrn@gsm001.mendelson.com) commented,

> The biggest difference I can see is that ham transceivers have  
> filtering to prevent out of band transmission (while transmitting in  
> band) and that lowers sensitivity out of ham bands.

Not all good ham transceivers do. Some, perhaps many, ham transceivers transmit properly outside of the ham bands if their controllers are configured ("modified") to transmit there. I use a Kenwood TS 940 for USAF MARS. It has switched low-pass output filter networks, not band-pass networks, to reduce spurious harmonics.

Dick Rawson n6cmj afa6de

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Date: 21 Jul 1994 15:48:14 GMT  
From: pacbell.com!unet.net.com!mac\_dan\_cra.net.com!user@ames.arpa  
Subject: Getting rid of 27MHZ clock interference  
To: ham-equip@ucsd.edu

In article <30f507\$42p@news.iastate.edu>, porayath@iastate.edu (Rajiv Porayath) wrote:

! I have a 27MHZ clock signal connected to a PC card. The problem is that  
! the ground plane of the PC card shows a 20millivolt signal which wrecks  
! other amplifier circuits on the board. I am using a coaxial cable. Any  
! clue as to how I can keep the ground plane clean.

Rajiv,

To help you I would need more information. But at a minimum, you need to have good decoupling caps installed on the PCB. The most common problem with ground noise is "ground loops" or the total ground return path. Thinkl of the decoupling caps as your local power supply, and keep your current path short. Also, are you using a groundplane? Is the xtal flush mounted or in a socket, ( if in a socket, try removing the socket.) There are a few good books out there that will help you, one that you might get is from the ARRL, "Radio Frequency Interference: How to Find It and Fix It".

"73" Dana Craig, Senior EMC Engineer

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Date: Wed, 20 Jul 1994 17:56:00 GMT  
From: paperboy.ids.net!chowda!ronald.bouthillier@uunet.uu.net  
Subject: Mail Order Radio Outlet  
To: ham-equip@ucsd.edu

AD>I'm looking for a mail order house that carries handheld transceivers  
AD>for business/security use, especially for coverage of a wide area. If  
AD>anyone has a phone number and/or address, I would greatly appreciate  
AD>it. THanks.

AD>BTW: As I currently do not have access to e-mail, please post all  
AD>responses to this newsgroup. Thanks.

AD> --Adam

New England Mobile in Bellingham, Ma. is the largest one here and carries over 17 brands of radios from HF to 900Mhz Mobiles, Portables, Repeater, anything you want, and they also make systems for you. They work with many Police Depts. here.

508 966 4155 Ask for Ron

\* SLMR 2.1a \* Unable to locate Coffee -- Operator Halted!

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Date: 21 Jul 1994 14:46:31 GMT  
From: newsgate.watson.ibm.com!watnews.watson.ibm.com!vinod@uunet.uu.net  
Subject: Mobile/Packet VHF rigs: Ongoing Summary...  
To: ham-equip@ucsd.edu

In article <Ct9EIV.5vL@serval.net.wsu.edu>, kjones@eeecs.wsu.edu (Kent Jones) writes:

|>  
|> o Micor  
|> o GE Exec II  
|>

This, and the previous post by about deciphering motorola units wants me to add my vote for more info about the above radios. I do see at least couple of vendors at every hamfest with a ton of motorola gear, but I don't go near because I don't know what to look for. I would like to get a cheap VHF radio for home use, for packet and the local repeaters. This needs only few channels -- two for packet, and atmost another four for the repeaters I around the area. Actually, I could even get a separate radios for packet and the repeaters, and maybe even one for UHF, before I hit the price of a dual band mobile, in this price range, if only I knew what to look for. So, could someone knowledgeable about the above radios post some details? It will be much appreciated..

--vinod  
email: vinod@watson.ibm.com

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Date: Thu, 21 Jul 94 08:08:39 EDT  
From: dockmaster.phantom.com!rickie@uunet.uu.net  
Subject: Roses, Getting Started  
To: ham-equip@ucsd.edu

Hi, Please reply via email as my system doesn't offer this Newsgroup.

I will like to start a Rose Bed but don't know what I need or where to find the seeds or buds to get started. Please help me out.

Rickie.

thanks in advance

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Date: Thu, 21 Jul 1994 13:57:33 GMT  
From: ihnp4.ucsd.edu!agate!spool.mu.edu!cass.ma02.bull.com!claude!zds-oem!  
news@network.ucsd.edu (Reid Simmons - r.simmons@zds.com)  
Subject: Ten-Tec 1208 transverter  
To: ham-equip@ucsd.edu

In article <h04wi-1.brunelli\_pc@delphi.com> brunelli\_pc@delphi.com writes:  
>Paul (Cliffy) Palmer <palmer@Trade-Zone.msfc.nasa.gov> writes:  
>  
>>>Modern Japanese radio equipment, with the possible exception of Kenwood,  
>>>is of high quality construction and sophisticated design. Most TenTec  
>>>equipment is by comparison crude, though with workmanlike performance.  
>>>One reason people brag about TenTec service is because they \*need\*  
>>>TenTec service. Most Japanese equipment doesn't break during the life  
>>>of the product. This is mostly due to more automated assembly/testing,  
>>>and better internal cabling systems.  
>  
>This is a frantic attempt to regain confidence in  
>a hasty decision to by a japanese rig! The TT rigs  
>that i have experience with hear better, sound better  
>and work better than an equivalent ken or yaesu, and  
>when i call TT for some info, i get info! not a  
>request to SHIP my rig!  
>  
>I would love to see a validation of this comment about  
>japanese equipment never failing.  
>  
>MHO, n1qdq

I HAPPILY purged my station of all "JAP JUNQUE" about two and a half years ago when I ordered my TEN-TEC OMNI VI. I have had a LOT of JAP stuff over the last 20 of my 33 years as a ham. (Actually I still have an ICOM 211 - not working of course - that I am still trying to unload).

I describe my JAP stuff using the "F.O.R.D." terminology (Fix Or Repair Daily). I had the least troubles with Kenwood,

and the most with Icom. Yahoos were somewhere in between.  
The TEN-TEC has been trouble free and a REAL GOOD performer.  
I have also ordered the 1208 six meter transverter kit.

NZ8K

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Date: Thu, 21 Jul 1994 11:59:07 GMT  
From: ihnp4.ucsd.edu!sdd.hp.com!spool.mu.edu!darwin.sura.net!  
gatekeeper.es.dupont.com!esds01.es.dupont.com!  
GRIB%esvx17.es.dupont.com@network.ucsd.edu  
Subject: Ten Tec Century 21 - What's it worth?  
To: ham-equip@ucsd.edu

In article <30jp7i\$ceg@nic.smsu.edu>, [rgb865f@cnas.smsu.edu](mailto:rgb865f@cnas.smsu.edu) (Richard Belshoff) writes:  
>I have a Ten Tec Century 21 CW transceiver that I want to sell  
>at a Hamfest in Springfield Missouri in early August.  
>How much should I ask for it? (stuff deleted)  
> Richard Belshoff [rgb865f@cnas.smsu.edu](mailto:rgb865f@cnas.smsu.edu)

Richard,

I just bought one with the calibrator and keyer for \$195. Figuring that the keyer and calibrator are worth about \$25 ea, you can figure about \$125-150 for the rig. Since you're at a hamfest, I'd start at \$175-200 and come down if you find someone really interested.

73,

Joe

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Date: 21 Jul 1994 16:47:51 GMT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!torn!news.unb.ca!  
jupiter.sun.csd.unb.ca!lewco@network.ucsd.edu  
Subject: What's a TS-820 Worth?  
To: ham-equip@ucsd.edu

Hello and thanks for reading this post. My father and I have been out of the amateur radio hobby for years but we have a kenwood TS-820 at home with the antenna tuner accessory that could be better used by someone else and the money better used by me as I am constructing a new house :)

Does anyone know what such a piece of equipment would be worth as a used item for sale?

Thanks very much for any help people can provide.  
Lewis  
lewco**b**@unb.ca

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End of Ham-Equip Digest V94 #246  
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